L3/6

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- IBM Technical Disclosure Bulletins

Term: L1 and (remote with print$ with transmit$ with (status$))

Display: 10 **Documents in Display Format:** KWIC **Starting with Number** 1

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DATE: Wednesday, May 25, 2005 Printable Copy Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=ADJ			
L3	L1 and (remote with print$ with transmit$ with (status$))	8	L3
L2	L1 and (remote with print$ with transmit$ with (condition$ or event$ or criterion$))	5	L2
L1	709/$.ccls.	17919	L1

END OF SEARCH HISTORY

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L3: Entry 1 of 8 File: USPT Jun 8, 2004

DOCUMENT-IDENTIFIER: US 6747754 B1
TITLE: Image processing apparatus and its status information notifying method

Current US Cross Reference Classification (2):
709/206

Current US Cross Reference Classification (3):
709/217

Current US Cross Reference Classification (4):
709/219

CLAIMS:

6. A method for transmitting status information about at least one operational section of an image processing apparatus, the image processing apparatus having at least one of a printer, a scanner, and a facsimile as a operational section, and a memory storing a hypertext which has an applet embedded therein, the method comprising: transmitting the hypertext including the applet to a remote terminal when the hypertext is requested by the remote terminal; connecting the remote terminal with the image processing apparatus when a connection request from the remote terminal is detected, the connection request being made by the applet embedded in the hypertext transmitted to the remote terminal; transmitting, to the remote terminal, status information regarding each operational section of the image processing apparatus when a status request from the remote terminal is detected; checking for a change of the status information regarding each operational section of the image processing apparatus at predetermined intervals; transmitting updated status information regarding an operational section when a change has occurred.

8. A method for transmitting status information about at least a printer as an operational section of an image processing apparatus, a memory storing a hypertext which has an applet embedded therein, the method comprising: transmitting the hypertext including the applet to a remote terminal when the hypertext is requested by the remote terminal; connecting the remote terminal with the image processing apparatus when a connection request from the remote terminal is detected, the connection request being made by the applet embedded in the hypertext transmitted to the remote terminal; and transmitting, to the remote terminal, status information regarding each operational section of the image processing apparatus, when a status request from the remote terminal is detected; wherein the information includes information which indicates where in the printer a paper jam has occurred.

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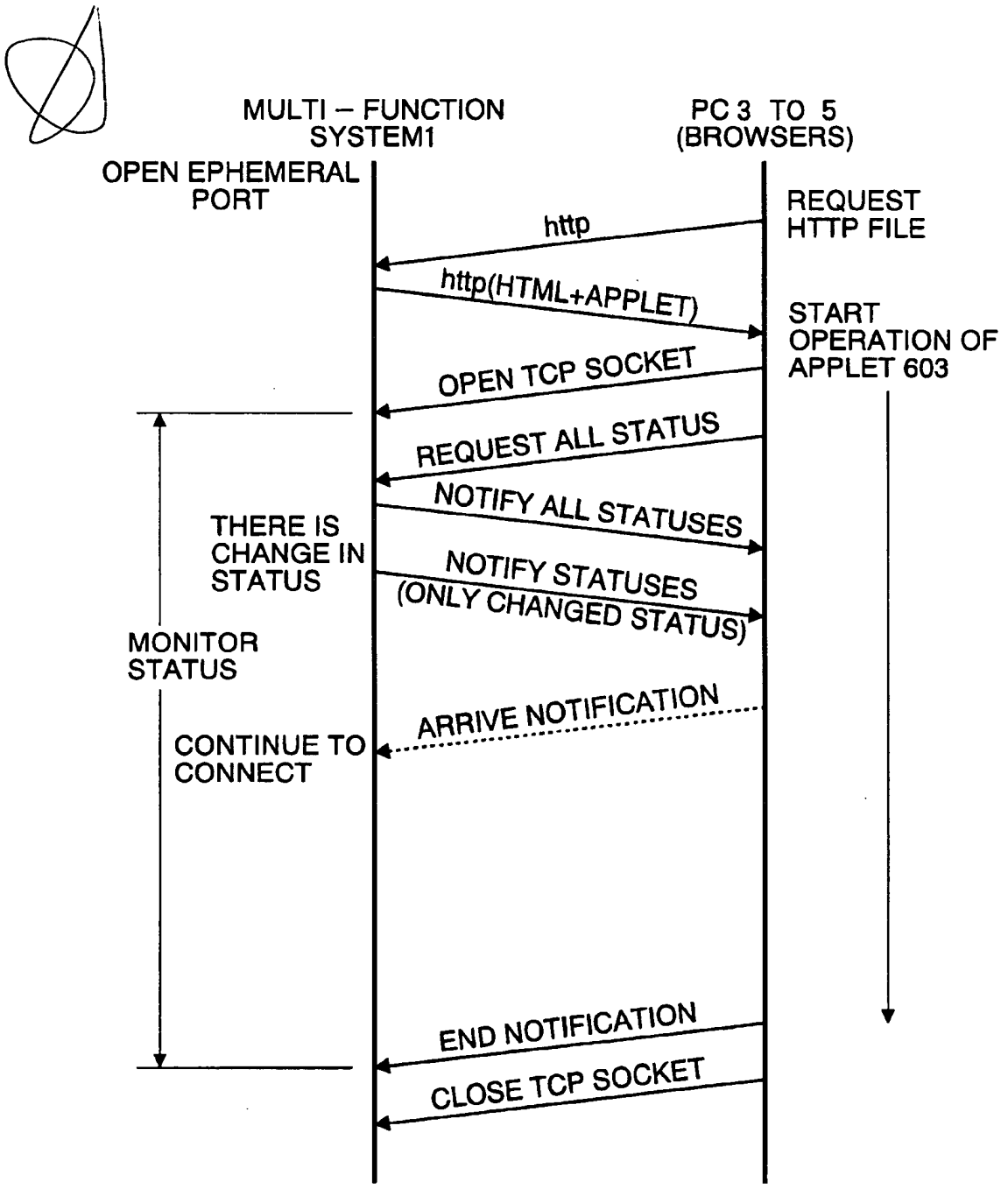
MULTI – FUNCTION SYSTEM1
PC 3 TO 5 (BROWSERS)
OPEN EPHEMERAL PORT
http
REQUEST HTTP FILE
http(HTML+APPLET)
START OPERATION OF APPLET 603
OPEN TCP SOCKET
REQUEST ALL STATUS
NOTIFY ALL STATUSES
THERE IS CHANGE IN STATUS
NOTIFY STATUSES (ONLY CHANGED STATUS)
MONITOR STATUS
ARRIVE NOTIFICATION
CONTINUE TO CONNECT
END NOTIFICATION
CLOSE TCP SOCKET

FIG. 5

US006747754B1

(12) **United States Patent**
Iyoki

(10) **Patent No.: US 6,747,754 B1**
(45) **Date of Patent: Jun. 8, 2004**

(54) **IMAGE PROCESSING APPARATUS AND ITS STATUS INFORMATION NOTIFYING METHOD**

(75) Inventor: **Yutaka Iyoki**, Kawasaki (JP)

(73) Assignee: **Panasonic Communications Co., Ltd.**, Fukuoka (JP)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **09/458,962**

(22) Filed: **Dec. 10, 1999**

(30) **Foreign Application Priority Data**

Jul. 22, 1999 (JP) 11-207318

(51) **Int. Cl.**[7] **G06F 15/00**; G06F 15/16; H06K 1/11

(52) **U.S. Cl.** **358/1.15**; 709/219; 709/217; 709/206; 361/798

(58) **Field of Search** 709/219, 206, 709/217; 358/1.15; 380/287; 361/798

(56) **References Cited**

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English Language Abstract of JP 11-031114.
English Language Abstract of JP 11-184784.
English Language Abstract of JP 10-124418.
English Language Abstract of JP 10-79826.

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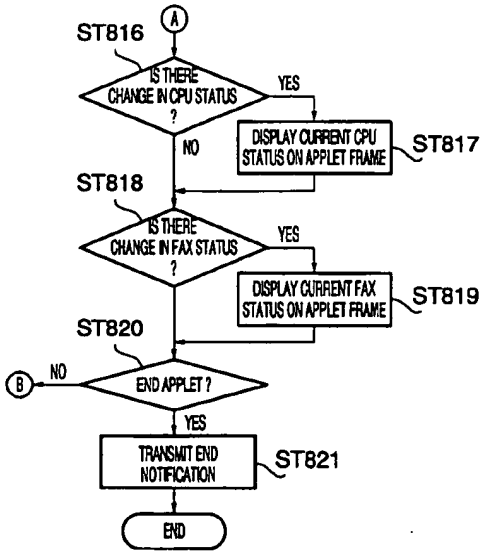
Primary Examiner—Kimberly Williams
Assistant Examiner—Saeid Ebrahimi
(74) *Attorney, Agent, or Firm*—Greenblum & Bernstein, P.L.C.

(57) **ABSTRACT**

A multi-function system boots up a WWW server in which an applet is embedded. When a browser, which is executed on PCs, requests an HTTP file, the multi-function system transfers the HTML file and the applet. The browser executes the applet. The applet opens a TCP socket and starts communications between the multi-function and the applet. A status information obtaining section of the multi-function system obtains a status of each section of the multi-function system in response to a request from the applet, and the multi-function system notifies the applet of status information. The applet displays the status of each section. This makes it possible to send notification of the status of each section to PCs.

9 Claims, 11 Drawing Sheets



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L3: Entry 3 of 8 File: USPT Nov 5, 2002

DOCUMENT-IDENTIFIER: US 6477570 B1
** See image for Certificate of Correction **
TITLE: Information processing system and method therefor

Detailed Description Text (132):
FIG. 47 is a diagram showing the condition that exists when, while, in FIG. 41B, the scanner 411 is instructed to output the information that is read to the printer 412 along route A and to confirm the status of the printer 412, since the printer 412 is located in a remote area, the scanner 411 takes the status of the network into account and unconditionally transmits the information to the printer 412, which then, because a malfunction has occurred there, transfers the received information (job) to the printer 413.

Detailed Description Text (140):
At step S440, while the scanner 411 communicates with the printer 412 and attempts to acquire its status, it is found that the printer 412 is in a remote area and the scanner 411 decides to transmit the information, regardless of the status of the printer 412. At step S441 it is determined that there is no problem with the printer 412 since it is in a remote area, and at step S442 the scanned information is transmitted to the printer 412, which is the designated apparatus, and the job is transferred thereto. Since the instructed job has been terminated, the scanner 411 waits for the next job.

Current US Original Classification (1):
709/224

Current US Cross Reference Classification (2):
709/219

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US006477570B1

(12) **United States Patent**
Takayama et al.

(10) **Patent No.: US 6,477,570 B1**
(45) **Date of Patent: *Nov. 5, 2002**

(54) **INFORMATION PROCESSING SYSTEM AND METHOD THEREFOR**

(75) Inventors: **Masayuki Takayama**, Kashiwa (JP); **Shouichi Ibaraki**, Tokyo (JP); **Aruna Rohra Suda**, Yokohama (JP); **Masanori Wakai**, Tokyo (JP); **Shuichi Mikame**, Tokyo (JP); **Kenichi Fujii**, Yokohama (JP); **Satomi Takahashi**, Yokohama (JP); **Suresh Jeyachandran**, Yokohama (JP)

(73) Assignee: **Canon Kabushiki Kaisha**, Tokyo (JP)

(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **08/999,143**

(22) Filed: **Dec. 29, 1997**

(30) **Foreign Application Priority Data**

Dec. 26, 1996 (JP) 8-348024
Feb. 28, 1997 (JP) 9-044529

(51) **Int. Cl.**[7] **G06F 15/173**; H04N 1/32
(52) **U.S. Cl.** **709/224**; 709/219; 358/1.15
(58) **Field of Search** 709/208, 218, 709/223, 224, 219; 395/101, 113, 114, 115, 182.09, 182.1; 345/502, 504, 505; 710/5, 6, 7, 17, 18, 19; 703/23; 370/449; 358/1.15

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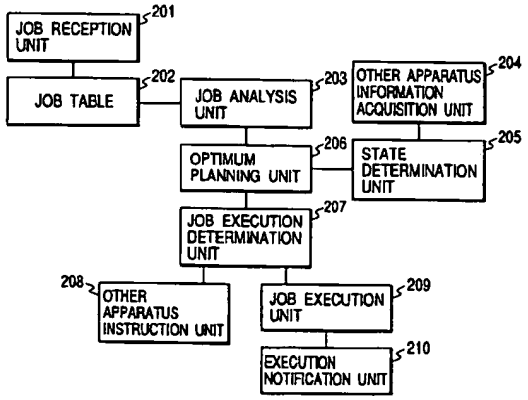
Primary Examiner—Zarni Maung
Assistant Examiner—Jason D. Cardone
(74) *Attorney, Agent, or Firm*—Fitzpatrick, Cella, Harper & Scinto

(57) **ABSTRACT**

In an information processing system wherein a printer and a personal computer are connected together, when the printer receives a print job from a scanner, as there are a plurality of processes corresponding to the received printed job, the printer distinguishes between a print process to be performed by the printer and a print notification process to be performed for a user by the personal computer. When the printer initiates printing, it instructs the personal computer to perform the print notification process. Upon receipt of the instruction, the personal computer calls a user to notify the user that printing has been initiated.

35 Claims, 112 Drawing Sheets



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L3: Entry 5 of 8 File: USPT Feb 17, 1998

DOCUMENT-IDENTIFIER: US 5720013 A
TITLE: Scanner printer server and method for selectively outputting scanned information to an information processing apparatus in accordance with a pre-scan command and a scan command

Detailed Description Text (230):
Since scanning or printing of the image cannot be performed in a remote manner during the copying operation, the server process 107 transmits the STATUS packet denoting the fact that copying is being performed to the client process 106 when it has received the scan packet or the print packet so as to notify the user that scanning or printing cannot be performed.

Current US Cross Reference Classification (2):
709/203

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US005720013A

United States Patent [19]

Uda et al.

[11] Patent Number: 5,720,013

[45] Date of Patent: Feb. 17, 1998

[54] **SCANNER PRINTER SERVER AND METHOD FOR SELECTIVELY OUTPUTTING SCANNED INFORMATION TO AN INFORMATION PROCESSING APPARATUS IN ACCORDANCE WITH A PRE-SCAN COMMAND AND A SCAN COMMAND**

[75] Inventors: **Toyokazu Uda**, Yokohama; **Susumu Sugiura**, Atsugi; **Makoto Takaoka**, Yokohama; **Shigetada Kobayashi**, Tokyo, all of Japan

[73] Assignee: **Canon Kabushiki Kaisha**, Japan

[21] Appl. No.: **384,865**

[22] Filed: **Feb. 7, 1995**

Related U.S. Application Data

[62] Division of Ser. No. 939,144, Sep. 2, 1992.

[30] **Foreign Application Priority Data**

Sep. 4, 1991	[JP]	Japan	3-224218
Feb. 13, 1992	[JP]	Japan	4-026823
Jul. 27, 1992	[JP]	Japan	4-199744

[51] **Int. Cl.**[6] **G06F 15/16**

[52] **U.S. Cl.** **395/114**; 395/106; 395/200.33

[58] **Field of Search** 358/402, 403, 358/407, 408, 442, 444, 468, 409, 434, 438; 395/106, 114, 200, 200.02, 200.33, 200.79

[56] **References Cited**

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5,283,662	2/1994	Nakajima	358/409
5,295,204	3/1994	Parulski	382/167
5,301,244	4/1994	Parulski	382/319

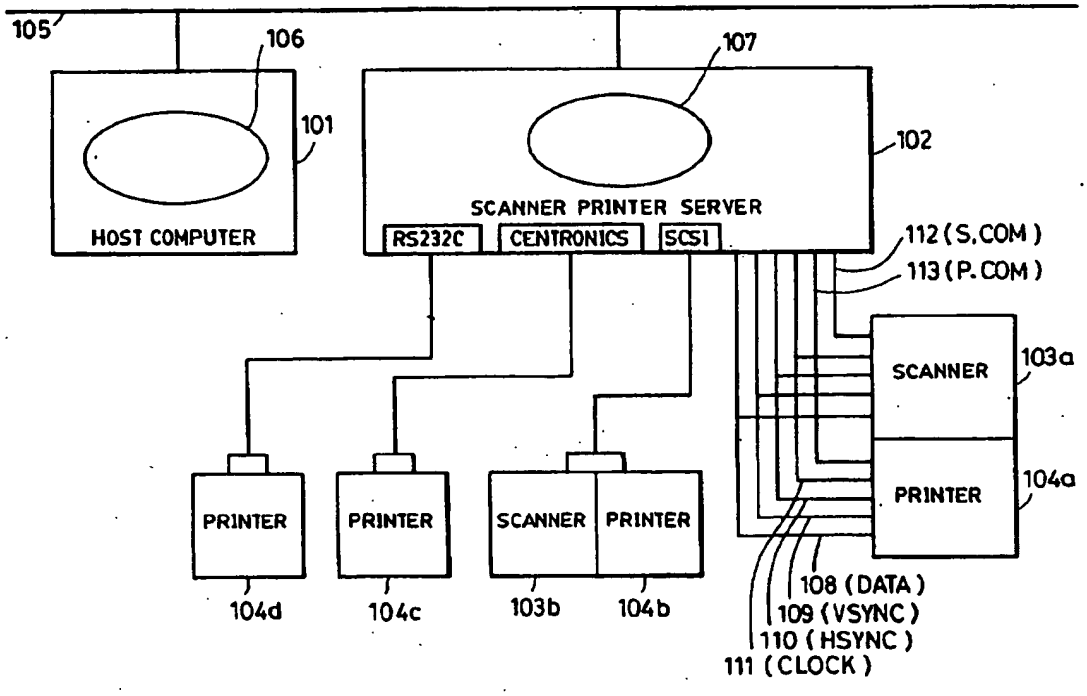
Primary Examiner—Scott A. Rogers

Attorney, Agent, or Firm—Fitzpatrick, Cella, Harper & Scinto

[57] **ABSTRACT**

A variety of parameters for a scanner printer are set from a host computer on a network by arranging a scanner printer server system composed of the host computer and the scanner printer server connected to the network, and a scanner and a printer connected to the scanner printer. The scanner printer server system has a bidirectional communication channel formed between the scanner, the printer and the scanner printer server, wherein characters, graphics and a method of transferring image are instructed from the host computer and the data is transferred by the instructed transference method.

14 Claims, 19 Drawing Sheets



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L3: Entry 6 of 8 File: USPT Mar 18, 1997

DOCUMENT-IDENTIFIER: US 5613160 A
** See image for Certificate of Correction **
TITLE: In an interactive network board, method and apparatus for placing a network peripheral in a default configuration

Current US Cross Reference Classification (3):
709/250

CLAIMS:

13. A printer according to claim 7, wherein said printer means generates printer status data, and wherein said processor (1) queries said printer means at a predetermined interval and stores the printer status data in said RAM, and (2) transmits the stored printer status data over the LAN through said LAN interface in response to a status request received from a remote LAN location through said LAN interface.

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US005613160A

United States Patent [19]

Kraslavsky et al.

[11] Patent Number: 5,613,160

[45] Date of Patent: Mar. 18, 1997

[54] **IN AN INTERACTIVE NETWORK BOARD, METHOD AND APPARATUS FOR PLACING A NETWORK PERIPHERAL IN A DEFAULT CONFIGURATION**

[75] Inventors: **Andrew J. Kraslavsky**, Rancho Santa Margarita; **William C. Russell**, Laguna Hills; **George A. Kalwitz**; **Robert D. Wadsworth**, both of Costa Mesa; **Lorraine F. Barrett**, Yorba Linda, all of Calif.

[73] Assignee: **Canon Kabushiki Kaisha**, Tokyo, Japan

[21] Appl. No.: **978,517**

[22] Filed: **Nov. 18, 1992**

[51] **Int. Cl.**[6] **G06F 11/30**

[52] **U.S. Cl.** **395/836**; 395/828; 395/835; 395/839; 395/200.11; 395/114; 395/117; 395/200.02

[58] **Field of Search** 395/800, 275, 395/114, 700, 11, 500, 106, 109, 113, 115, 200, 117, 650, 600, 425, 725, 155, 828, 836, 838, 839, 200.11, 200.02, 200.17; 340/825.52; 370/85.8

[56] **References Cited**

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"Appending Control Code To Plane Text File", IBM Technical Disclosure Bulletin, Aug. 1991, vol. 34, No. 3, pp. 417–420.

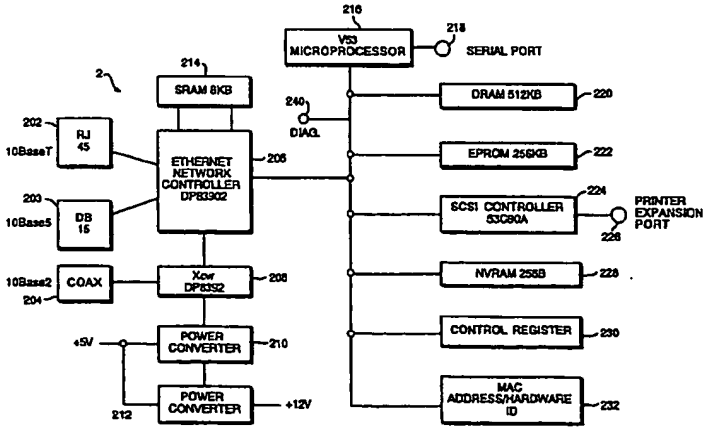
Primary Examiner—Larry D. Donaghue

Attorney, Agent, or Firm—Fitzpatrick, Cella, Harper & Scinto

[57] **ABSTRACT**

Method and apparatus for placing a Local Area Network (LAN) printer in a default configuration includes a printer non-volatile memory for storing a default configuration code, and a printer device for rendering print. A Small Computer System Interface (SCSI) is coupled to the printer device, for transmitting print data to the printer device. The SCSI is also coupled to the printer non-volatile memory for transmitting the default configuration code from the printer non-volatile memory. A LAN interface is provided for receiving print data from the LAN, and a RAM is coupled to both the SCSI and the LAN interface, for storing the print data and the default configuration code. A processor is coupled between the SCSI interface and the LAN interface, for (1) reading the default configuration code from the printer non-volatile memory to the RAM, (2) ordering the print data into a print job block, (3) appending the default configuration code to the print job block, and (4) transmitting the print job block and appended default configuration code to the printer device through the SCSI interface. Then, the printer device (1) renders print in accordance with the received print job block, and (2) before or after the print has been rendered, places itself in a predetermined default configuration in accordance with the appended default configuration code.

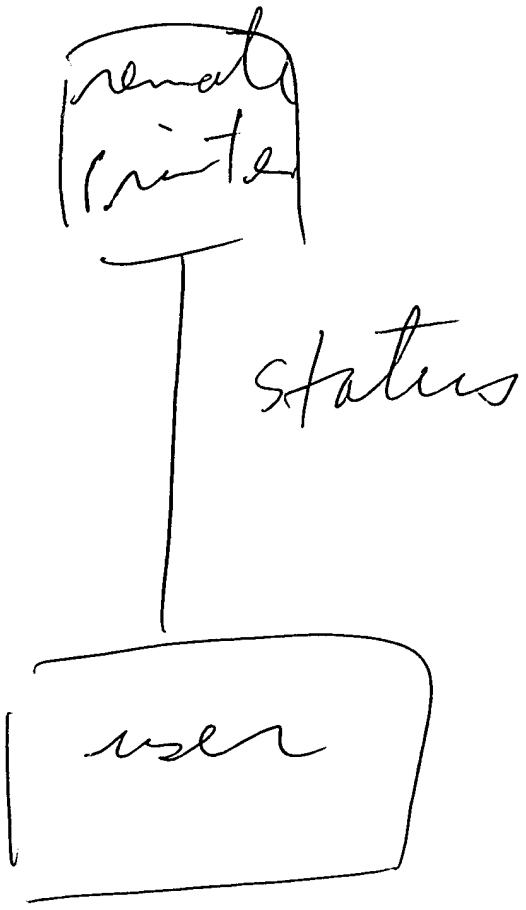
21 Claims, 31 Drawing Sheets



DB=USPT; PLUR=YES; OP=ADJ

L2	L1 and (remote with print$ with transmit$ with (condition$ or event$ or criterion$))	5	L2
L1	709/$.ccls.	17919	L1

END OF SEARCH HISTORY



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L2: Entry 3 of 5 File: USPT Jul 7, 1998

DOCUMENT-IDENTIFIER: US 5778183 A
TITLE: Apparatus and method of automatically transmitting event-related information to a user of a network printing system

Brief Summary Text (80):
While, for the most part, the approach employed by Hewlett-Packard, as described above, is advantageous for the group as a whole, it can create an annoyance in certain situations. For example, in a group including a first user and a second user, the print job belonging to the first user may be completed at a printer remote to both users. In the above-described approach, it is understood that both users will receive a trap or message indicating that the job of the first user has been completed. Under ideal circumstances, however, the second user would prefer not to hear about the occurrence of events that effect only the first user. Additionally, the approach employed by Novell, as described above, appears to be inappropriate for use with a remote printer employing a print queue. That is, when the print queue is employed, it is not believed that the Novell network server has any way of knowing when printing of a job in the queue is completed. Moreover, the Novell approach appears somewhat limited in application since it is platform dependent. It would be desirable to provide a system that is platform independent in which a message regarding the occurrence of an event at a printing machine (or any output device) employed by and remote to a group of users is transmitted only to the specific recipient affected by such occurrence.

Current US Original Classification (1):
709/223

art 6
42-47

Current US Cross Reference Classification (1):
709/202

Current US Cross Reference Classification (2):
709/219

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US005778183A

United States Patent [19]

Filion et al.

[11] Patent Number: 5,778,183

[45] Date of Patent: *Jul. 7, 1998

[54] **APPARATUS AND METHOD OF AUTOMATICALLY TRANSMITTING EVENT-RELATED INFORMATION TO A USER OF A NETWORK PRINTING SYSTEM**

[75] Inventors: **Joseph L. Filion**, Fairport, N.Y.; **Charles F. Evans**, Norwood, Mass.; **Kenneth E. Rohlfing**, Honeoye Falls, N.Y.; **Diane S. Rogerson**, Greece, N.Y.; **Kitty S. Koul**; **Mei-Yuei Lee**, both of Pittsford, N.Y.; **Craig W. Jacobs**, Fairport, N.Y.

[73] Assignee: **Xerox Corporation**, Stamford, Conn.

[*] Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

[21] Appl. No.: **489,347**

[22] Filed: **Jun. 12, 1995**

[51] **Int. Cl.**[6] **G06F 15/16**

[52] **U.S. Cl.** **395/200.53**; 395/200.32; 395/200.49

[58] **Field of Search** 395/800, 200, 395/200.32, 200.49, 200.53

[56] **References Cited**

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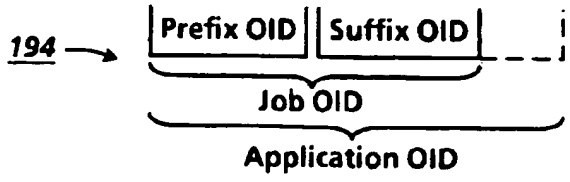
Primary Examiner—Alvin E. Oberley
Assistant Examiner—R. S. Rosenhalm
Attorney, Agent, or Firm—Gary B. Cohen

[57] **ABSTRACT**

An automatic transmitting system for use in a networked printing system including a first client, second client and server. The automatic transmitting system includes an agent, operatively associated with the server, for maintaining information regarding a plurality of subsystems associated with a printing machine—the agent communicates with both the first and second clients. The automatic transmitting system further includes a registration system, including the first client, the second client and the agent, for registering the information. The information includes a first identifier and a second identifier, the first and second identifiers being stored with the agent and corresponded with first and second sets of information, respectively. In practice, the agent transmits the first set of information exclusively to the first client when a first event occurs in one or more of the plurality of subsystems and transmits a second set of information exclusively to the second client when a second event occurs in one or more of the plurality of subsystems.

5 Claims, 7 Drawing Sheets



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L2: Entry 2 of 5 File: USPT Aug 21, 2001

DOCUMENT-IDENTIFIER: US 6279000 B1
TITLE: Information processing apparatus for managing schedule data and a method therefor

Detailed Description Text (153):
FIG. 47 is a diagram showing the condition that exists when, while, in FIG. 41B, the scanner 411 is instructed to output the information that is read to the printer 412 along route A and to confirm the status of the printer 412, since the printer 412 is located in a remote area, the scanner 411 takes the status of the network into account and unconditionally transmits the information to the printer 412, which then, because a malfunction has occurred there, transfers the received information (job) to the printer 413.

Current US Cross Reference Classification (1):
709/206

Current US Cross Reference Classification (2):
709/246

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US006279000B1

(12) **United States Patent**
Suda et al.

(10) **Patent No.: US 6,279,000 B1**
(45) **Date of Patent: *Aug. 21, 2001**

(54) **INFORMATION PROCESSING APPARATUS FOR MANAGING SCHEDULE DATA AND A METHOD THEREFOR**

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(73) Assignee: **Canon Kabushiki Kaisha**, Tokyo (JP)

(*) Notice: This patent issued on a continued prosecution application filed under 37 CFR 1.53(d), and is subject to the twenty year patent term provisions of 35 U.S.C. 154(a)(2).

Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **08/998,927**

(22) Filed: **Dec. 29, 1997**

(30) **Foreign Application Priority Data**

Dec. 26, 1996 (JP) 8-348046
Feb. 28, 1997 (JP) 9-044526

(51) **Int. Cl.**[7] **G06F 7/24**
(52) **U.S. Cl.** **707/10**; 709/206; 709/246
(58) **Field of Search** 707/10, 5, 530, 707/531, 9, 2, 3, 4, 8; 395/500; 709/246, 206, 207, 217, 208; 340/825; 345/333, 334, 335

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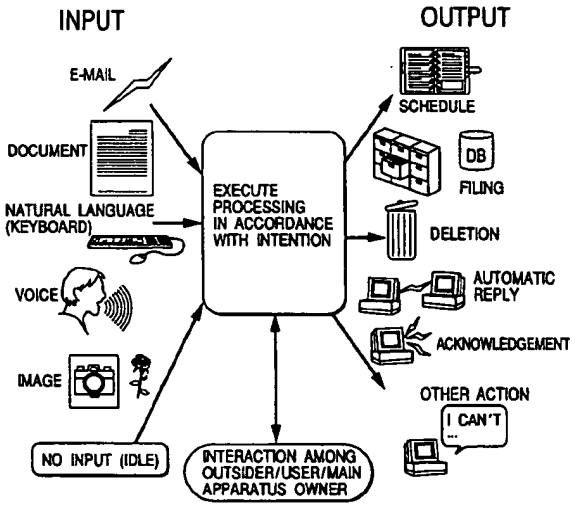
Primary Examiner—Wayne Amsbury
Assistant Examiner—Thu-Thao Havan
(74) *Attorney, Agent, or Firm*—Fitzpatrick, Cella, Harper & Scinto

(57) **ABSTRACT**

When electronic mail is received, the contents of the electronic mail is analyzed, and an item concerning a schedule is extracted from the analysis results. When the date associated with the extracted item is advanced to the present time, the item is stored as a user's schedule in a database employed for the storage of schedule data. Schedule data that conflict with the item are searched for in the database. To rearrange conflicting schedules, a change in a schedule is requested to the transmission source, or the priorities of the conflicting schedules are compared, and the cancellation of a schedule having a low priority is proposed to a user.

29 Claims, 112 Drawing Sheets



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☐ 1. Document ID: US 5613160 A

L5: Entry 1 of 1 File: USPT Mar 18, 1997

see fig 1

DOCUMENT-IDENTIFIER: US 5613160 A
** See image for Certificate of Correction **
TITLE: In an interactive network board, method and apparatus for placing a network peripheral in a default configuration

Detailed Description Text (2):
In its general aspects, the present invention provides hardware and software solutions for making a network peripheral, such as a printer, an interactive network member capable not only of receiving and processing data received from the network, but of transmitting to the network significant amounts of data such as detailed status information, operational parameters, and even data input to the peripheral through other modalities such as scanning, facsimile reception, etc. By integrating such hardware and software with the peripheral, it is possible to eliminate the requirement for dedicating a personal computer to the peripheral to act as a peripheral server.

Detailed Description Text (66):
Furthermore, configuration data for the printer accessible to the network through the use of CPCONSOL includes: (A) network group information such as protocol type, the node name, the file server name, routing, POST error code, NEB firmware level, MAC address, server mode; and (B) printer group information such as safe (default) environment, font, disk present, disk size, initial environment, logging on/off, log file size, configured/nonconfigured, and net name. Additionally, logs can be kept of print job flow, print engine usage, and network behavior. Examples of such usage and statistical log entries include: (A) network group information such as receive statistics, transmit statistics, and non-media related information; (B) job entry information such as date/time/time zone, log-in (user's name), job name, pages, copy count, and print status; (C) initialization entry information; (D) error condition entry information; (E) clear log entry information; and (F) printer group information such as the number of jobs, pages/job, pages/minute, time/job, total pages/day, total jobs/day, number of days and total resets.

Detailed Description Text (75):
The present invention takes advantage of the bi-directional nature of the communication between the printer and the NEB, and the NEB's ability to process information on a multi-tasking basis. That is, the bi-directional SCSI bus can transmit large quantities of data both to and from the printer, enabling the NEB to receive large quantities of specific status data from the printer or even data input from the peripheral (such as image data input from a scanner). The NEB microprocessor processes information on a multi-tasking basis (sequential but shared) effectively parallel processing information received from the network and information received from the printer. This multi-tasking processing insures that the NEB is responsive to both the network and the printer on a near real-time

basis.

Detailed Description Text (82):
Steps S9 through S12 comprise a so-called "autologging" function which is carried out in the NEB by the CPSOCKET program in order to automatically and systematically provide status information from the printer to the LAN (autologging will be discussed in greater detail in section 4k below). In Step S9, if midnight has not been reached the procedure advances to Step S13. However, once midnight is reached, the NEB microprocessor 216 transmits a request to the printer over the SCSI bus for the printer to return current status to the NEB. For example, the printer may return the cumulative number of pages printed to the NEB. In Step S11, the NEB microprocessor 216 calculates printer statistics such as pages per job or pages per day, the NEB having kept track of the number of jobs sent to the printer and the date. At Step S12, the printer statistics are transferred to a non-volatile memory such as the printer's hard disk 114 or NVRAM 111, or the NEB's NVRAM 228. Alternatively, Steps S10, S11, S12 may be performed before Step S9, so that statistics are stored every minute.

Detailed Description Text (100):
At Step S28, the microprocessor 216 retrieves the requested status data from DRAM 220, assembles the status data, and sends it to the LAN through the LAN interface (to be discussed in greater detail in section 4i below). Thus, in Step S28, more than simple "on/off" information may be transmitted to the LAN so as to inform the LAN of the detailed status of the printer. In a broad application, Step S28 encompasses the export of printer front panel status over the LAN, and the import of front panel control commands from the LAN. That is, the network administrator at the PC 14 may request and receive a display indicating all of the printer information included on the printer front panel display 116. The network administrator may then activate different printer front panel functions on his/her PC, and such functions will be transmitted to the printer where the selected control will be effected.

CLAIMS:

13. A printer according to claim 7, wherein said printer means generates printer status data, and wherein said processor (1) queries said printer means at a predetermined interval and stores the printer status data in said RAM, and (2) transmits the stored printer status data over the LAN through said LAN interface in response to a status request received from a remote LAN location through said LAN interface.

Term	Documents
"5613160"	1
5613160S	0
PRINT$	0
PRINT	1114
PRINTABILITY	36

PRINTABLE	81
PRINTABLE/WRITABLE	1
PRINTBAR	3
PRINTBARS	1
PRINTCHECK	2
PRINTED	2324
((5613160.PN.) AND (PRINT$ WITH TRANSMIT$ WITH (STATUS$))).USPT.	1

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